~~accessed in conducting the search.~~ storing predefined information relative to said first

pattern; and

a search tree engine to correlate the first pattern with information stored in

selected ones of the plurality of data structures and forward the predefined information

found in a said leaf included in the selected ones of the plurality of data structures if

match occurs between the first pattern and a second pattern stored in said leaf wherein

a format for the direct table includes at least one of the pattern search control block

including a next pattern address points to a next pattern search control block, a leaf

control block address points to one of the plurality of leaves, a next bit or bits to test and

a direct leaf.

Claim 15: *In the first line of claim 15 replace "The computer readable medium" with "A computer system comprising a computer readable medium"*

15. (currently amended) **A computer system comprising** a computer medium

~~containing a plurality of data structures for finding a match of claim 14,~~

Claim 16: *as above*

16. (currently amended) **A computer system comprising** a computer medium

~~containing a plurality of data structures for finding a match of claim~~ 15.

Claim 17: *as above*

17. (currently amended) **A computer system comprising** a computer medium

containing a plurality of data structures for finding a match of claim 15,

Claim 18:

18. **(cancelled)** (cancel claim 9)

Claim 19: *In the first line of claim 19, replace "The computer readable medium" with "A computer system comprising a computer readable medium".*

19. (currently amended) <u>**A computer system comprising**</u> a computer medium ~~containing a plurality of data structures for finding a match of claim 14,~~

Claim 20: *as above*

20. (currently amended) <u>**A computer system comprising**</u> a computer medium containing a plurality of data structures for finding a match of claim 14,

Claim 21: *as above*

21. (currently amended) <u>**A computer system comprising**</u> a computer medium ~~containing a plurality of data structures for finding a match of claim~~ *14* *"14"*

Claim 22: *"14" NOT "18", since 18 was cancelled.*

22. (currently amended) <u>**A computer system comprising**</u> a computer medium *Thank* ~~containing a plurality of data structures for finding a match of claim~~ 14,

Claim 23: *as above*

23. (currently amended) <u>**A computer system comprising**</u> a computer medium ~~containing a plurality of data structures for finding a match of~~ claim 14,